

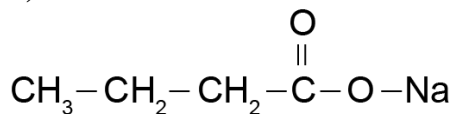
ANSWERS: Reactions of Carboxylic acids

1) i) Acid-base / neutralisation

ii) CO_2 gas is a product of the reaction and so bubbles of gas are given off.

iii) $\text{CH}_3\text{CH}_2\text{CH}_2\text{COONa}$

2)



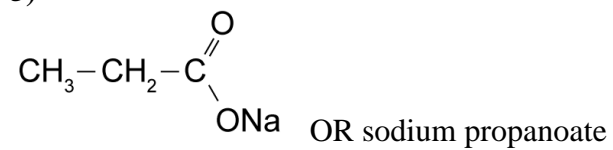
Acid-base – because the carboxylic acid reacts with the base NaOH , or a salt and water is formed.

3) CH_3COOK or $\text{CH}_3\text{COO}^-\text{K}^+$

Acid-base

4) CH_3COONa or CH_3COO^-

5)



acid-base

